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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Application Number 09/881,853  
Filing Date June 13, 2001  
First Named Inventor Amy H. Yin  
Group Art Unit 1644  
Examiner Name Not yet assigned  
Attorney Docket Number AMCE-012/02US

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## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
<i>[Signature]</i>	P1	5,061,620	<i>[X]</i>	Tsukamoto et al.	10/29/91
	P2	4,714,680		Civin	12/22/87
	P3	4,452,773		Molday	06/05/84
	P4	5,411,863		Miltenyi	05/02/95
	P5	5,248,599		Sakiyama et al.	09/28/93
<i>[Signature]</i>	P6	5,573,930		Ladner	11/12/96

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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	F1	EP	0 662 512			07/12/95	

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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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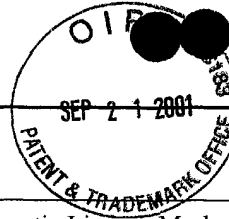
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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	
				Filing Date	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	D1	Hardwick, A., et al., "Development of a Large-Scale Immunomagnetic Separation System for Harvesting CD34-Positive Cells From Bone Marrow," Advances in Bone Marrow Purging and Processing, pgs. 583-589 (1992).		
	D2	Oku, Naritoshi, et al., "Monitoring of Kinetics of CD34 Positive Cells By Immunomagnetic Beads During Peripheral Blood Stem Cell Harvest for Autotransplantation," Advances in Bone Marrow Purging and Processing, pgs. 553-560 (1992).		
	D3	Bigas, A., et al., "CD34 Positive Cell Selection By Immunomagnetic Techniques," Advances in Bone Marrow Purging and Processing, pgs. 545-551 (1992).		
	D4	Thomas, T.E., et al., "Purification of CD34 Positive Cells from Human Bone Marrow Using High Gradient Magnetic Separation," Advances in Bone Marrow Purging and Processing, pgs. 537-544 (1992).		
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	D6	Miltenyi, S., et al., "High Gradient Magnetic Cell Separation with MACS," pgs. 231-238 (1990).		
	D7	McNiece, I.K., "Detection of a Human CFC with a High Proliferative Potential," Blood, Vol. 74 (No. 2):609-612 (August 1, 1989).		
	D8	Gordon, M.Y., et al., "Characterisation of Stroma-Dependent Blast Colony-Forming Cells in Human Marrow," Journal of Cellular Physiology, pgs. 150-156 (1987).		
	D9	Spangrude, G.J., et al., "Resting and activated subsets of mouse multipotent hematopoietic stem cells," Pgs. 7433-7439 (June 18, 1990).		
	D10	Brandt, J., et al., "Cytokine-dependent Long-Term Culture of Highly Enriched Precursors of Hematopoietic Progenitor Cells from Human Bone Marrow," The American Society for Clinical Investigation, Inc., pgs. 932-941 (September 1990).		
	D11	To, L.B., et al., "Establishment of a Clinical Threshold Cell Dose: Correlation Between CFU-Gm and Duration of Aplasia," AlphaMed Press, pgs. 15-20.		
	D12	Cioffi, J.A., et al., "Novel B219/OB receptor isoforms: Possible role of leptin in hematopoiesis and reproduction," Nature Medicine, Vol. 2 (No. 5):585-589 (May 1996).		
	D13	Graf, L., et al., "Identification of a Novel DNA Sequence Differentially Expressed Between Normal Human CD34 + CD38 <sup>10</sup> Marrow Cells, Blood, Vol. 86 (No. 2):548-556 (July 15, 1996).		

	D14	Brashem-Stein, C., et al., "Ontogeny of Hematopoietic Stem Cell Development: Reciprocal Expression of CD33 and CD34 Molecule by Maturing Myeloid and Erythroid Progenitors," Blood, Vol. 82 (No. 3):792-799 (August 1, 1993).	
	D15	Lee, B.B., et al., "A Hematopoietic Organ-Specific 49-kD Nuclear Antigen: Predominance in Immature Normal and Tumor Granulocytes and Detection in Hematopoietic Precursor Cells," Blood, Vol. 87 (No. 6):2283-2291 (March 15, 1996).	
	D16	Wognum, A.W., et al., "Distribution of Receptors for Granulocyte-Macrophage Colony-Stimulation Factor on Immature CD34 + Bone Marrow Cells, Differentiating Monomyeloid Progenitors, and Mature Blood Cell Subsets," Blood, Vol. 84 (No. 3):764-774 (August 1, 1994).	
	D17	Reisbach G., et al., "Characterization of hemopoietic cell populations from human cord blood expressing c-kit," 1993 International Society for Experimental Hematology, pg. 74-79	
	D18	Moretti, P. et al., "Identification of homeobox genes expressed in human haemopoietic progenitor cells," 1994 Elsevier Science B.V., pp. 213-219.	
	D19	Sutherland and Keating, "The CD34 Antigen: Structure, Biology, and Potential Clinical Applications," J. of Hematotherapy, 1:115-129 (1992).	
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	D21	Kato and Radbruch, "Isolation and Characterization of CD34 <sup>+</sup> Hematopoietic Stem Cells From Human Peripheral Blood by High-Gradient Magnetic Cell Sorting," Cytometry, Vol. 14:384-392 (1993).	
	D22	Database EMBL, entry HS057109, Accession number R40057, May 28, 1995.	
	D23	Database EMBL, entry HS499102, Accession number R36499, May 5, 1995.	
	D24	Database EMBL, entry HS59896, Accession number R32598, May 4, 1995.	
	D25	Database EMBL, entry HSGS04157, Accession number D25789, November 27, 1995.	
	D26	Database EMBL, entry HSHBC4137, Accession number D82259, February 9, 1996.	
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	D28	Olweus, J. et al., Blood 84 (Suppl. 1) 420A, Abstract # 1666.	



	D29	Mikayama et al., PNAS (90) 10056-10060	
	D30	Olweus, J. et al., CD64/FcyRI Is a Granulo-monocytic Lineage Marker on CD34 <sup>+</sup> Hematopoietic Progenitor Cells," Blood 85 (9):2402-2413 (1995).	

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